From glowbugs@theporch.com Fri Dec 8 20:55:14 1995
Return-Path: glowbugs@theporch.com
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com
(8.7.3/AUX-3.1.1) with SMTP id UAA15467; Fri, 8 Dec 1995 20:48:30 -0600 (CST)
Date: Fri, 8 Dec 1995 20:48:30 -0600 (CST)
Message-Id: <199512090248.UAA15467@uro.theporch.com>
Errors-To: ws4s@midtenn.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 42
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: O

GLOWBUGS Digest 42

Topics covered in this issue include:

Date: Fri, 8 Dec 95 07:35:30 MST
From: af852@rgfn.epcc.Edu (William R Colbert)
To: glowbugs@theporch.com
Subject: GB-Small Amplifiers
Message-ID: <9512081435.AA26260@rgfn.epcc.Edu>

Hello all,
This information is a continuation of the 6AG7 thread of a few days ago. I found one of the articles that I had referenced - "Receive Tubes in Grounded Grid SSB Finals", by Norm McLaughlin, W6GEG, CQ magazine, Sept. 1956. In this article (3 pages) he discusses using 6AG7, 5881/6L6, 350B tubes in small linears with plate voltages up to 1250. One of the interesting test amps he talked about was using 4 each 6CL6 with 750v on the plates for an input of 150 watts. The following is the parts list: RFC1, 3= 2.5mH@500ma, RFC2= 1w 50 ohm resistor wound end to end with #16 enamel wire. C1= 500 pf 10kv ceramic tv type (blocking), c2 EFJ 200L15 202 pf.030 spacing, L1= B&W 40JEL for 75 meters tap 4t from bottom.
Tubes are parallel connected, grids grounded, rf fed into cathode line,

RFC 3 from cathode line to ground (isolation), 750-1250v (depends on tube type) to plate line thru RFC1 - connected between RFC2 and C1. C1 to RF output out thru the tap of the coil.
Hope this makes sense - I just don't have the hang of ascii drawings yet. This is really a simple circuit, easy way to increase the low power rig to the moderate level (Norm was using a C-E 10B driver) and most of us have a 500 - 800 v utility p/s (Heath or similar) laying about.
73, Ray, W5XE/V31XE El Paso, af852@rgfn.epcc.edu

End of GLOWBUGS Digest 42
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